

U.S. Application No. 10/684,650, filed October 14, 2003
Response dated July 22, 2006
In Reply to Office Action of July 6, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-10 (Cancelled)

11. (Previously Presented) A PCMCIA-sized card suitable for connection to a portable computer comprising:

a radio transceiver within the card arranged to transmit and receive spread spectrum radio frequency communications; and

a metallic shield adjacent the card arranged to provide electromagnetic shielding for the radio transceiver.

12. (Previously Presented) The card of claim 11 wherein the radio transceiver is capable of processing radio communications according to a first protocol used for communications and also is capable of processing radio communications according to a second protocol used for communications.

13. (Previously Presented) The card of claim 12 wherein the first protocol is used for communications in a first frequency range and wherein the second protocol is used for communications in a second frequency range different from the first frequency range.

U.S. Application No. 10/684,650, filed October 14, 2003
Response dated July 22, 2006
In Reply to Office Action of July 6, 2006

14. (Previously Presented) The card of claim 13 wherein the second frequency range includes 2.4 GHz.

15. (Previously Presented) The card of claim 11 wherein the portable computer comprises a laptop computer.

16. (Previously Presented) A PCMCIA-sized card suitable for connection to a portable computer comprising a radio transceiver within the card capable of processing radio communications according to a first protocol used for communications and also is capable of processing radio communications according to a second protocol used for communications.

17. (Previously Presented) The card of claim 16 wherein the first protocol is used for communications in a first frequency range and wherein the second protocol is used for communications in a second frequency range different from the first frequency range.

18. (Previously Presented) The card of claim 17 wherein the second frequency range includes 2.4 GHz.

19. (Previously Presented) The card of claim 16 wherein the radio transceiver is arranged to transmit and receive spread spectrum radio frequency communications.

U.S. Application No. 10/684,650, filed October 14, 2003
Response dated July 22, 2006
In Reply to Office Action of July 6, 2006

20. (Previously Presented) The card of claim 16 and further comprising a metallic shield adjacent the card arranged to provide electromagnetic shielding for the radio transceiver.

21. (Previously Presented) The card of claim 16 wherein the portable computer comprises a laptop computer.

22. (Previously Presented) A PCMCIA-sized card suitable for connection to a portable computer comprising a radio transceiver within the card capable of processing radio communications, the transceiver comprising a receiver including:

a down converter arranged to covert RF communication signals to IF communication signals;

a first IF bandpass filter capable of passing a first band of frequencies; and

a second IF bandpass filter capable of passing a second band of frequencies different from the first band of frequencies.

23. (Previously Presented) The card of claim 22 wherein the radio transceiver is arranged to transmit and receive spread spectrum radio frequency communications.

U.S. Application No. 10/684,650, filed October 14, 2003
Response dated July 22, 2006
In Reply to Office Action of July 6, 2006

24. (Previously Presented) The card of claim 22 wherein the radio transceiver is capable of processing radio communications according to a first protocol used for communications and also is capable of processing radio communications according to a second protocol used for communications.

25. (Previously Presented) The card of claim 24 wherein the first protocol is used for communications in a first frequency range and wherein the second protocol is used for communications in a second frequency range different from the first frequency range.

26. (Previously Presented) The card of claim 25 wherein the second frequency range includes 2.4 GHz.

27. (Previously Presented) The card of claim 22 and further comprising a metallic shield adjacent the card arranged to provide electromagnetic shielding for the radio transceiver.

28. (Previously Presented) The card of claim 22 wherein the portable computer comprises a laptop computer.